



El R. Melito

colombia

1944

38000 - 38442

Trust

Ops

Killip, E. P.

Colombia

1944

Field notes Nos. 38000 - 38442

Colombia

1944

38000-38442

Killip, E. P.

Colombia

1944

Field notes Nos. 38000 - 38442

11

E. P. Philip



Instituto de Ciencias Náuticas  
Bogotá

Ap. 570, Cali

20088

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Cundinamarca: Monserrate, Cord.

Or., 3000-3300 m. 4/16/44 Subparamo

Zona del Acueducto Municipal

E. P. Killip et H. Garcia B. et G. Gutierrez Garcia no.

✓ 38000 *Senecio*

Sl. 1.5m.

11080

38001 *Valeriana longifolia* HBK.

Coarse

1

✓ 38002 *Eupatorium*

Shrub ± 2 m. Br. light gr., cor. pi. styles  
purple wh.

2

✓ 38003 *Lupinus pilos* -

Straggling vine; fl. bruf., strob. column  
in upper half

Monserrate

4/16

✓ 38004 *Rubus macr.*

S, drooping branches  $\pm$  1.5-2 m. l., fruit  
purpleish black

✓ 38005 *Senecio*

S 1-1.5 m.; infl. y

✓ 38006 *Hypericum*

S 60 cm.; flt. y; very viscous

✓ 38007 *Espeletia*

Stem  $\pm$  1 m. (to leaves)  $\pm$  ped.  $\pm$  60 cm.

Fls. bright y

Monserrate

4/16

✓ 38008 Grass Festuca? yela en  
manchas abusolante.

✓ 38009 Apium  
Herb 80cm. h.; fls. wh.; fr. red

✓ 38010 Espeletia  
Pl. 30 cm. high; ped. 50 cm.

✓ 38011 Hesperomeles  
S 3m, compact; fls. wh.

Mousenata

4/16

✓ 38012 *lichen*

On ground; pl. ashy wh.

✓ 38013 *t.c.*

On gr

✓ 38014 *Cup. Alga microphyllum* (?)

<sup>tube</sup> Cor. gr., looks a styles, lilac

Herb, support. below

✓ 38015 *Rubus*

S 2 m. along tr.; pet. <sup>reddish</sup> deep pink

Nonseminate

4/16

✓ 38016 *Polygon.* Annu.?  
Annual Matted herb.

✓ 38017 *Bromus ciliatiss.*

38018 *Digitalis* s.p. corola  
blanca manchas rojas.  
+ 025 (unicaobs)

38019 *Digitalis* corolas pur-  
puras manchas blancas  
(unicaobs)

Monserrate

4/16

✓ 38020 Thrip.

<sup>lotes para</sup>  
S 1.8-2 m., cor. r., "UVA-CAMARONA"

✓ 38021 Th.

S 1.5-1.7 m. "UVA de ANIZ"

Triste pi, que quinib asef

✓ 38022 Calomagrostis

Glume

✓ 38023 Stipa

lm.

Monserrate

4/16

✓ 38024 moss  
on bank

38025 moss  
On bank

✓ 38026 Nicotia "ESMERALDO"  
Compact 5 ± 1m; fls wh

✓ 38027 Diplosiphon  
S 1-1.2 m; heads granish wh.

Mousenata

4/16

✓ 38028 Eupatorium

S 2-2.2 m; <sup>various</sup> br. green; cor. & style  
greenish br.

✓ 38029 Vacc.

S up to 30 cm.; cor. wh.

✓ 38030 Passiflora mixta "CURUBO"

H V, tube & sep out gr., sep in + pet -

✓ 38031 Rhamnus

su. to 2 m caliz rojo, estómbulos  
blancos.

Mouserrate

4/16

✓ 38032 *Gerania*

Straggling h; pet. rich. <sup>dark</sup> fi, with <sup>dark</sup> deep <sup>dark</sup> veins

✓ 38033 *Rapanea dependens* (R. & P.)

sun. tree ± 2 m

Meg

✓ 38034 *Oreopanax mutisiana* (HBK) <sup>done. of Pl.</sup>

sun. tree ± 1 m; pet. gr; anthers

anthers HNC

✓ 38035 *Passiflora mollissima*

Tube gr., purple tinged; sep. purple out, pi  
in; pet. purple

non-serrate

4/16

✓ 38036 *Diphlostephium*  
S ± 2 m; head gr. -y

✓ 38037 *Valeriana*  
Coarse herb; cf 3805 ("valeriana")

✓ 38038 *Lycopodium*  
Repeating

✓ 38039 *Paepalanthus*  
In small clumps.

monocot

4/16

✓ 38040 *Malva*

Cor. granish wh.

✓ 38041 *Lupinus*

Vine, close to ground; cor. purple,  
standard paler in upper half.

✓ 38042 *Rubus*

Stems pr. purplish black

38043 *Clethra*

Sm. tree 2.5 m.; cor. blanca

Mousenata

4/16

✓ 38044 Carex  
style bracts 3

✓ 38045 Setaria

✓ 38046 Eupatorium  
low, compact S

✓ 38047 Paspalum

monosporate

4/16

✓ 38048 *Rubus*

St. 2 m., elong. esping to; pet. light  
pink

✓ 38049 *Fungus*

on *Gaultheria*

micro H.N.C.

✓ 38050 *Grass*

✓ 38051 *Guaduadion Tagua* (HBK) Don

St. Tr.  $\approx$  1-2 m.; ~~fls.~~ all parts  
fine white.

Mouserrata

4/16

✓ 38052 Pennellya  
S ± 50 cm; cor. wh.

✓ 38053 Senecio  
(Hub.)

To send  
then cut

✓ 38054 Elaphoglossum  
Ter.

✓ 38055 Castilleja  
30-40 cm. br. red; cor. y, redish-brown

38056 *Castilleja*

Same color as 55-

Mouserrate

4/16

✓ 38057 *Gaultheria*

10-20 cm high; cor. red

38058 *Gaultheria*

± 40 cm; cor. red

✓ 38059 *Lycopodium*

so far.

✓ 38060 Vace.

Low shr up to 30cm.; cor. red; fr. gr.

Mousonatae

4/16

✓ 38061 Polypodium

Reptent; ter.

✓ 38062 Hydrocotyle

Forming dense mats on ground

upl. light green

✓ 38063 Polypodium

Ter.

✓ 38064 Grass

Musenrate

4/16 -

✓ 38065 Sol.

Vine; cor. green

✓ 38066 Opalis

H. V; flt. y

✓ 38067 Espeletia  
Pl. 2 m. high; rax y

4/16

✓ 38068 *Rhamnus*

Sav. tr., 2 m.

✓ 38069 *Och.*

Ter.; fls. pinky

~~det.~~✓ 38070 *Espeletia*

Pl. 1-1.5 m. high

✓ 38071 *Symplocos* *leguminis?*

Tr. 2 m; fls. pink

"Té de Bogotá"

Nonseminate

✓ 38072. *Eri* -

Low sh; cr. wh.

✓ 38073. *Clethra*Low sh; <sup>1.5 mm.</sup> cr. wh.✓ 38074. *Elaphoglossum*

Stem repeat on ground

✓ 38075. *Elaphoglossum*

Stem repeat on ground

✓ 38076. Gent. *Macrocarpaea glabra* (L.f.)8 1.5 m.; fls. pinky. Suff. h. <sup>225g</sup>

Drainage of Rio Mina, Km 20. of San Auguste.

Cundinamarca ~~38077~~ - Km 32 Bogotá. Firs. highway 4/30/44

77-81 houses 2800-2850m

✓ 38077. *Gaiadendron taguea* (HBK) <sup>field</sup> 4.0m

Tr. ± 4 m.; fls. greenish white

✓ 38078. *Stevia*

5 ± 2 m; florets or styles white or pinkish

✓ 38079. *Eup.*Suff. h, ~~50~~ 50-75 cm; florets cream

✓ 38080. *Lachneiella mutisii*  
Long repeat herb; infl. green

San Miguel

4/30

✓ 38081. *Hypericum*  
Pl. subsp. ± 35 cm high; fls. light y.  
f

8

✓ 38082 *Borreria*  
Subspord. L; cor. wh.; moist bank

✓ 38083 *Oreopanax*  
~~Open~~: Tr. ± 5 m., branches ascending

Open bank

✓ 38084 *Chusquea Lehmannii* Liebm.  
Br. erect or ascending, height ± 4 m

Thickets

✓ 38085 *Fimbristylis* sp.  
10-15 cm high  
Andes ± 10 cm; ter.

2600 m  
Wet forested bank ± 9000 ft.

San Miguel

✓ 38086 Acacite.

Hub with long branches  $\pm$  1m l.; cr. bright red

✓ 38087 Gaultheria

Low S,  $\pm$  30cm.

38088 Sisymnium

Pearl white  $\pm$  1.5cm, diam.

✓ 38089 Cladonia

Ter.; pl. which

Wet forested baldids  $\pm$  9000 ft.  
<sup>2400m</sup>

$\pm$  open bank

$\pm$  1m wet ditch

Jan 22

Wet bank

✓ 38090 *Peltigera*  
Forming mats on wet bank

✓ 38091 *Polytrichum*  
Wet bank

✓ 38092 moss  
Wet bank

✓ 38093 *Hydrocotyle*  
Pl. repens & prostrate; infl. light gr.

San Miguel

Wet ditch ± 800 ft. ? Ret. San Miguel ±  
2700 m. Fusagoyna 4/30  
Aquadita

✓ 38094 *Loana*

Fls. pinkish or; h. with elong. br.

Bet. San Miguel of Usagayá  
wet forested banks + 2680m.

4/30

✓ 38095 *Begonia*

Succ. h., elong. br; floral aw. bright red,  
stems greenish cr.

38096 *Yessu.*

un.

Herb; cor. or.-y

✓ 38097 *Yessu*

H, stems coarse; cor. cream, purple-  
spotted in <sup>depending on back,</sup>

Bet. San Miguel & Fusagasuga 4/30  
Open bank

✓ 38098 Solanum

H ± 1m; cor. pinkish wh; calyx purplish

✓ 38099 Elaph.

Ter.

✓ 38100 Rubus

S; h. elong. 1-1.5m

✓ 38101 Epidendrum

Ter. 5 seg. pinkish; col. wh, purple at apex; lip yellow, pinkish purple at cent

~~too~~ " -

~~too~~ wet for. bank

✓ 38102 *Tropaeolum*

HV; stems densely intertwined & bound together by the tendrils; lvs. purple beneath; fls. dark red.

✓ 38103 *Bomarea "purpurea"*

HV; lvs. wh. beneath; fr. ashy pink.

Sep. & pet. or. - red, unspotted, equal

✓ 38104 *Mirabilis*

<sup>Surf.</sup> H. V. Old bracts purplish brown, pale at margin

38105 *Mirabilis*? or sp. un

Surf. vine; fls. & style pink wh.

Bet. San Miguel & Jico. 4/30  
wet forested bank

Thickets

2670 m.

Bet. San Miguel & Pus. 4/30

± 8500 ft. ~~meadows~~  
2600 m -

✓ 38106 *Mikania*

H.V.

✓ 38107 *Hedysarum* <sup>or Eup. amplum</sup>

Er. herb or sub. 50 cm - 2 m.; flowers pale purp.  
stem very viscos.

in open

✓ 38108 *Hieracium*

Erect h. to 1.2 m.; flowers golden - y

✓ 38109 *Brunellia*

Tr. ~~±~~ 5-6 m; buds tight gr. <sup>young</sup>; fl. y - g, old fl.  
deep red

wooded bank

✓ 38110 Sphagnum

Bet. San Miguel o Fas. 4/30  
Wet bank

✓ 38111 Herbs

cl n

✓ 38112 Pilea

sp. H.  $\pm$  30-50 cm,

Wet places along ditch in shade

✓ 38113 Pilea

same as above  $\pm$  25 cm

✓ 38114 Melast.

St 1m; pet. wh.; antr. y

Bet. San Miguel & Jus. 4/30  
wet shaded bank. 2600m.

✓ 38115 Besleria

10-60 cm  
Herb; cor. or-red, green at base; fr. pinkish

✓ 38116 Pilea

Ex. h; ± 1.5 m.

± 8200 ft (2500 m.)

✓ 38117 Psilogramma

Impung. m.

38118 *Valeriana*

Cor. wh.

un.

Bct. San Miguel

4/30

In open along roadside

38119 *Och.*

un.

Seg. greenish pink, fleshy, lip with 3 deep  
pi. stripes. Ter.

Open bank

38120 *Moss*

On bark

5/14/64  
Missing

un.

✓ 38121 *Bromus racemosus*

N. V., stem pubescent over bark; seg. deep  
r; ~~pet.~~ red out o in at upper half, green  
grading to yellow claw; purple spots  
within, the spots larger toward base of  
blade. Anthers bright blue

7200 ft. (2350 m)

38122 Moss

open  
on bank

✓ 38123 Valerian

NV

38124 Hydrocotyle

Replant

✓ 38125 Cuphea

Pct. pale pink., calyx deep purple

Un

Bet. San Miguel & Tres.

2350 m

4/30

Thickets + 8500 ft.

2600 m

Un

ditch

4/30

0 = number of leaves for tree

② 38126 *Achatocarpus ignicarus* Tr.  
Sun. t. ± 4 m.; fls. white.  
"aguamiel"

Crnd.: Apulo, 455-500 m. 5/1/44  
thicket along trail.

② 38127 *Machaerium capote* Dugard  
"Capote" Tree ± 10 m h., diam. 65 cm.  
10-12 m. h.

Along trail

① 38128 *Acalypha*  
S 1.5 m.; fls. green & pink wh.

Thickets

② 38129 *Galactia*  
H.V., comm.; fls. rich pink, base stipul

③ 38130 *Capparis macrophylla* ?  
Erect s. ± 3 m.; stamens wh.

① 38131 *Aspidosperma dugandi* Stev.  
Tr. 12-15 m. "comulá" or "cumulá"

② 38132 *Anugia* ?  
S. <sup>5-2-2.5 m;</sup> pet. & stamens  
~~S. 2-2.5 m, pet. wh.,~~; fls. fragrant.

① 38133 *Pomoea carnea* Jacq.  
Suffrut. 1-1.2 m; cor. pi.

April

5/4

Apule

5/4

① 38134 *Cordia polycephala* Taus.  
S + 1-1.2 m; cor. wh.

② 38135 *Serjania grandis* Seeme.  
Sur. vine; pet. wh.

① 38136 *Machaerium gondoli*  
Tr. 2-2.5 m.

① 38137 *Malvairea*  
S + 2.5 m; pet. red

Apulos

5/4

② 38138 *Cordia globosa*  
S 75-100 cm; cor. wh.

① 38139 *Capparis s. eustachiana* Jay  
sp. 4 m. Un - ANC.

① 38140 *Bastardia*  
~~S~~ Surf 560 cm; pet. y

① 38141 *Arabidopsis caudicans*  
W.V.; cor. pi., pale toward base

Apulo

5/24

① 38142 Sol.  
Low sh., spreading s.  
Surf. h. Cor. y

① 38143 Wedelia  
S ~~1~~ 1.5-2 m; spreading br.; rays

y

② 38144 Aeschynomene  
Surf. h.; branches erect or ascending;  
fls. light y

① 38145 Metastelma  
N. V.; cor. greenish wh.

Apubs

5/4

① 38146. sol.  
low s.; w.r.y.

② 38147 *Breweria ferruginea*  
W.V.; cor wh, the 5 heavy lines without  
green.

① 38148 *Buekmania Agenia*  
Fr. S. up to 75cm; fls. light green

① 38149 *Benthamandra*  
~~*Fundstroemia mucronata*~~  
H up. to 50cm.  
fls. whitish with purplish sheaths

Apulu

Alt. 500-525 m.

5/14

② 38150 Bromel.

Ter. <sup>in Epiphyte</sup> Tuft. ± 1.5 m. tall.

① 38151 Solanum

Low sh; cor. & antr. <sup>4</sup> gr.; fr. purple  
in lower half, green above

① 38152 Talinum

Succ. herb; fls. pi. "Verdolaga"

② 38153 Wissadula

Herb to 60 cm; pet. pi.; sl. <sup>or wh., with red centers</sup>

Apuleo

5/4

① 38154 *Serjania*  
H.V.; pet. wh.

① 38155 *Acauth.*  
S 1.8 m; <sup>bracts red;</sup> old infl. deep purple.  
In shade

② 38156 *Seguieria*  
S ± 2 m; infl. & st. wh.

② 38157 ~~Apocynum~~ <sup>?</sup> *Secundaca*<sup>?</sup>  
T ± 5 m; flo. green pale y, 1 part purple  
at apex

April

5/4

② 38158 *Helictotrichia*

S 1-2 m; pet. cream-wh. "Mosquero"

① 38159 *Brom.*

Ep.

① 38160 *Cereus*

Epip. with hanging stems; odd fls.  
purple

① 38161 *Lantana*

S 1.5 m; cor. lilac

②

38162 *Desmodium spirale*

H 2-70 cm.

Oct. 5 25-6000 m. Apulu

5/4

②

38163 *Senegalia*  
'Panelo': W.V.; ~~st.~~ wh.

①

38164 *Stylosanthes*  
Sur. herb to 60 cm; fls. y

①

38165 *Asclep.*  
HV; cor. greenish wh

alt. 525-600 m. Ojuelo 5/86

(2)

38166 *Tresine*

er. herb; infl. greenish.

(2)

38167 *Jacquemontia*

, H.V.; cor. bright blue

(1)

38168 *Coton*

S ± 1.5 m; infl. wh.

(1)

38169 *Aspidospernum septicium*

Sm. tr.  $\frac{3}{4}$  m.

April

5/4

② 38170 *Schmeilia*

W.V.; young leaves silvery-succulent

① 38171 *Euphorbia lutea*  
N. "Tripa de pollo"

③ 38172 *Rhipsalis*  
N; <sup>+60 cm</sup> cor. y g "vejigón"

② 38173 *Macaranga*  
obs dark purple wine-red  
T <sup>± 12 m</sup>, pl. y std. standard reddish  
purple at center "Capote"

5/4

April

② 38174 *Passiflora quadrangularis*  
"Gulupo" 1+V

① 38175 *Dryctanthus*  
Parasite on *Capparis adontosmia*  
"Pajarito"

(HNC) 38176 *Desmanthus* un.  
H ± 60 cm

② 38177 *lida*  
H; fls. ~~yellow~~<sup>yellow</sup> pubish

Apulo

5/4

① 38178 *Cuscuta*  
On Malvaceae

① 38179 *Evolvulus cardiophyllum*  
H.V.; cor. fl.

① 38180 *Evolvulus numularifolius*  
H.V. cor. wh.

① 38181 *Stec.*?  
H with lax spreading branch.

Apulo

5/4

② 38182 *Chloroleucos leucophaea*

Tr. 5-6 m high, bark peeling off  
readily; stamens yellowish

① 38183 *Coton*

Sh. ± 80 cm. infl. greenish wh.

① 38184 *Coton*

Sh. ± 1 m. " " "

① 38185 *Coton*

Sh. ± 1.8 m " " "

April

5/4

① 38186 *Raudia*? *Bunelia*? *Bocida*?  
Succ. 1.5-1.6 m; fls. greenish wh.

② 38187 *Macrocepis*  
H. V.; fls. <sup>Tube & airt out</sup> ~~Teat~~ greenish wh, limb  
yellowish gr. within

③ 38188 *Senegalia*  
"Panels" S, much branched, up to 2 m.

④ 38189 *Portulaca*  
succ. herb; fls. reddish purple  
"Yerba de vidrio"

April

5/4

① 38190 *Talinum*

Succ. herb; fls. deep pink to pale purplish

① 38191 *Lycosurus*

W. V.; old infl. purplish black

① 38192 *Centrosama*

Low H.V.; fls. purplish blue, paler without

① 38193 *Maer.*

S with elong. branches; fls. y

"*Almigelatii*"

April

5/9,

① 38194 *Desmodium canescens*  
Erect herb 30-50 cm.

① 38195 Pith?  
"Payandé", small tree.

① 38196 Comp. Trips radi  
Erect  
Hub ± 40 cm; rays 4.

① 38197 Zanthoxylum *Bursera* torneatum?  
Sm. tree ± 1.8 fm, few-branched  
"Tachneels"

April

5/34

① 38198 Lab. *Marrubium vulgaris*?  
"Oregano" Erect herb, with thick lvs.  
fls. pink; infl. elongate up 1.5 fm. long.

① 38199 *Acalypha*  
S ± 1.6 m, with slender stems  
"Cordoncillo"

① 38200 *Cydisia diversifolia*  
"Chiriadó" "Chiriador" W.V.;  
cor. purple

② 38201 *Cheilanthes*  
on shaded bank

① 38202 Malp.

w.v.; pet. y.

② 38203 *Ficus duquei* Griseb.  
"caucho blanco"

Apulo 525-600 m.

5/4

① 38204 *Urvillea*  
N.V.; pet. wh.

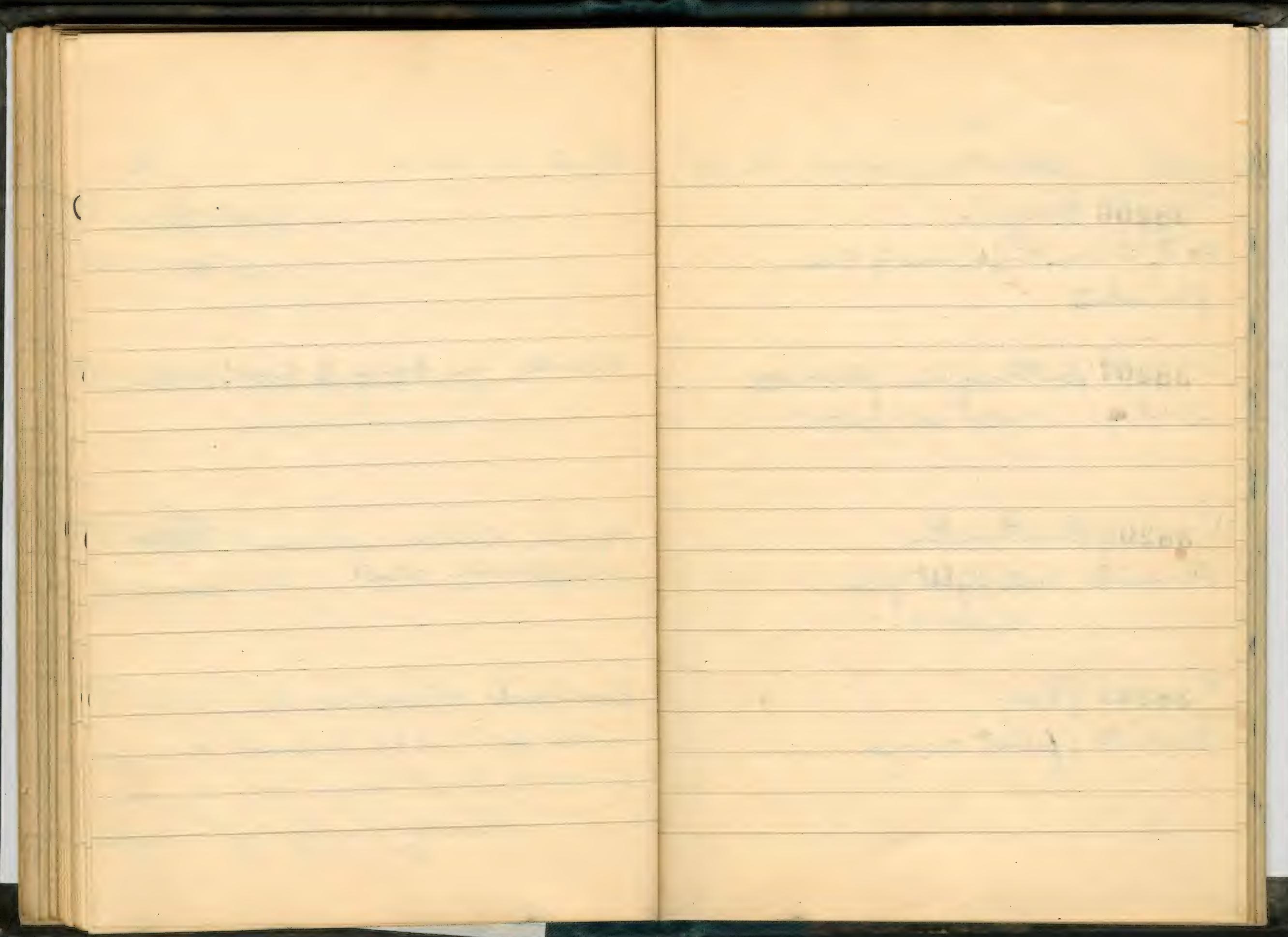
Apulo; in part of hotel, 455 m.

② 38205 *Pithecellobium*  
Tr. much branched, 5+ m. high; stamens  
wh.; fr. red, seeds black, surround  
by white pulp. "Payanté"

Apulo, 455 m.  
Waste places in shade

5/5/44

Roadside 455 m.



± 455 m.

Apurí, roadside thickets

5/5/44

① 38206 *Anagis*

St. 2-3 m. high, rarely 4 m.  
fls. white

① 38207 *Isanthreya planata* (≡)

S + 2 m. "uña de gato"

① 38208 *Sinthonanthus*

Parasite; buds light green,  
"pajarito"

① 38209 *Phor.*

Parasite; fruit orange

② 38211

~~38210~~ *Stigmaphyllon*

Surf. view; pet. bright yellow

460-480 m.

north of

Apulo, Chubrada Camargo 5/5/44

wooded ~~area~~ valley

① 38210. *Tillandsia*

Ep.

(loc. same as 38209)

② 38212 *Assampelos*

N.V.; fr. dark green

(loc. same as 38211)

① 38213 *Acalypha*

S ± 3 m, ♀ bracts green, with white fringe;  
♂ light green

Opulio  
Guabunda Camargo

5/5

② 38214 *Zizyphus stipulinafolia*  
Tr 3-4 m; fr. deep gr., with gray spots  
"Pepa de loro"

② 38215 *Crocosmia aurea* ?  
W.V. Trifl. young

② 38216 *Phaseolus speciosus*  
H.V.; cor. cream, standard & wings  
faintly to deep purple without

② 38217 *Erythroxylum boudense*  
S ± 1.8 m. Pet. wh.

Apols: Dub. Cormag Camango 5/-

② 38218 *Phyllanthus*

slender  
2-2.5 m., simple trunk, with  
~ branches toward apex

① 38219 ~~*Begoniamutica*~~  
~~*Hedysarum mucronata*~~

Sur. h.; fls. pink.

① 38220 *Paulownia*

w.v.; fls. red

② 38221 *Piper*

2 m. +; sp. subgreenish white  
"cordocillo"

Apolo: blueb. Camargo

75

① 38222 *Phaseolus*

H.V. st. o w. pi., keel wh.

② 38223 *Orcynanthus*  
Parasite

③ 38224 *Abutilon*

L or sup. h. up to 3 m; pet. wh.

Branchlets softly torment. toward infl, but  
with hairs additional of up to 3 mm long below

③ 38225 *Dalechampia colorata*  
<sup>fracta</sup>

H.V. ~~purple~~ purplish pink, up to 7 cm l. & 8 cm wide

① 38226 *Eupatorium*

St. 5 + 1.5 m. ~~sep 7 cm l x 8 cm broad~~

flrets 2 styles pi. Probably not  
*E. volvadum*

(3)

38227. *Trichilia*

Slender tr., with slender trunk to 4m. high; pet. greenish white.

Appls: Huab. Camargo

5/5

① 38228 ♀ *Ximenia americana*

Tree 6m. high; buds yish gr.; petals green, 4 pet., 8 stamens

HVC

—

① 38229 *Lasiacis*

H.V. "chosquito"

① 38230 *Lasiacis*

H.V.

① 38231 *Mandevilla*

H.V.; buds green

③ 38232 *Ulvaceae*, *Tropaeolum*

Calyx gr.; antr. wh.; Sm. 1.2-1.5 m.

② 38233 *Arabidaceae* *caeruleum*

W.V.; cor. bright purple

② 38234 *Passiflora quadrangularis* Juss.

H.V. Sep. gr.; Ovst. fil. greenish, bright below; antr. rim fil. dark purple.

① 38235 *Asplenium*?

Surf. vini; inf. greenish wh.

① 38236 Comp.

Low S, spreading br.; rays y; florets darker

① 38237 Aphelandra

Suf. h., ± 1.5 m; bracts scarlet; cor. = 155

① 38238 Steriphoma

S with long. branches; <sup>calyx & pedicels</sup> ~~pet.~~ vivid or. - r., pet. & fls. yellow.

① 38239 Myrt.

Sm. tr. ± 3 m, spreading branches; pet. wh.

① 38240 Euph.

S, with stems hanging over bank; infl. green

② 38241 Tomentaria

W. V.; calyx & cor. green; no wh.

① 38242 Trifolia rad.

Spreading branches; rays bright y

① 38243 Euph.

S 1.5-2 m. high; infl. gr.

① 38244 Phyllanthus

S ± 1 m.; fls. greenish

Apuh: Quib. Camargo

5/5

①  
38245 *Adiantum*

On densely shaded bank.

①  
38246 *Anac.*? *Talisia stricta* B.-B. (Kunt.-Tr.) In. & Pl.

"Mata puerco" Tr with slender erect stem  $\pm$  3 m high, leafy only at apex

①  
38247 *Capparis*

Tr.  $4\text{ m.}$   $\pm$  4 m or slightly more; calyx gris; pet. grise wh; filaments wh, tinge purple

①  
38248 *Morisonia*

Slender tree 3 m. high; barren. to cf. at 1000

①  
38249 *Malpighia glabra* un

S or sm. tree; pet. bright pi "cereza"

②  
38250 *Adipera*

Herb.  $\pm$  40 cm; pet. y

②  
38251 *Tanthoxylum*

Tr  $\pm$  6 m. high.

②  
38252 *Casuarina intida*

Tr.  $\pm$  3 m. - 6 m.; fls. white "Plomo"

②  
38253 *Leucaena glauca* (L.) Benth

Heads wh. flow zh.

Apulo: Herb. Camango

5/5-

Thickets along trail near Apulo

~~Chrysanthemum~~ Along r. r. Apulo

"Plomo-1" or "Plomito"

① 38254 *Desmaurus*  
Slender h. up to 35 cm. high; stamens wh.

② 38255 *Cordia*  
"Móho" Tr. 8 m. h; cor. lobes pure wh.

① 38256 *Cochlearia*  
N.; pet. y

① 38257 *Ruellia*  
H 25-30 cm; cor. blue; fl. viscous.

① 38258 *Serjania*  
Suf. vine.; pet. wh.

38259 *Solanum*  
Low spiny S; cor. wh.; anthers y.

38260 *Ficus pruriens*  
"Cauchó menudo" Tr. ± 12 m.

① 38261 *Lexiasis*  
N. V. "chusquito"

38262 *Ficus dendroidea* HBK.  
Tr. ± 15 m; thick trunk ± 120 cm. ~~andean~~  
"cauchó matapalo"

Along R.R., Apulo 5/5 82588

near house  
"Móho"  
Along R.R.

~~Thickets~~

Roadside

"Thickets"

Roadside

①

38263 *Capparis eustachia* (fom)

Sm. t., 3m. high; stamens quite wh.

38264 *Capparis odoratissima*

Tr. 5-10m.; pet. & stamens light fi.

38265 *Phyllanthus* <sup>Pedunculatus</sup> ~~dicotypholodes~~

① <sup>succ.</sup> Plant erect ~~to~~ 1.5-1.8m; fls. red.

38266 *Solanum*

② 5 5m. high; cor. wh.

38267 *Phyllanthus muri*

~~early~~ ~~flwr~~

38268 *Phyllanthus*

38269 *Prestonia*

IV; cor. greenish y.

38270 *Samaraná* *samaraná*

"Sámano" Large tree; stamens pink, white at base

38271 *Tetrapterys* / *Mascagnia violacea* →  
High-climbing woody vine; pet. purple; fl. light green & show-color

Roadside Apulo

5/5-

"Naranjuelo" Very common

Thickets

Near hotel; waste places

near hotel  
Apulo; waste places

~~me~~  
but ~~but~~ ~~no~~

In park near hotel

base "Sámano"

(Tr. + Pl.) Ndzo

Tocaima

① 38272 *Desmodium glabrum*  
Erect h, ± 60 cm., once branched

38273 *Dalechampia*  
H. V.; bracts green

38274 *Crotalaria*  
Erect herb ± 50 cm; fls. y

38275 Rub. (Chicoreo?)  
S; fr. pure white

38276 *Cestrum*  
St ± 2m; cor. light green

38277 *Melothria guadalupensis*  
H. V.; cor. light y; fr. green; lvs. scabrid

38278 *Cardiospermum grandiflorum*  
H. V.; pet. wh.; fr. papery

38279 *Poinsettia*  
Herb ± 50 cm; bracts bright red at base; fls. green

38280 *Aspidosperma dugandii*  
Tr 12-15 m

El  
Hac. Cucharo, alt. Puranga  
and Tocaima, alt. 350 m.  
Roadside thickets 5/7/44

~~Hac.~~ ' along quebrada

②

38281 Mel.

Tr. ± 8m; fls. wh.

38282 Abutilon

Tr. 4 m high, up to 40cm. ~~petiolatum~~ at ground if pr. purplish

38283 Myrt.

fls. bluish

Tr. ± 4m; fr. wh.

38284 Acanth.

S. 1-1.5m; cor. red.

38285 Fungus

us  
us

On rotten log. Plant purplish or.

38286 Piper

~~caeruleum~~ 2 m. (?)

S ± 2 ft.; spathes light gr.

38287 Citharexylum ~~sol.~~ 9

Tr. 6m high, with many wide-spreading ~~trunks~~ branches

38288 Callandra

Tr. 8m; cor. wh; stamens reddish pi.

38289 Acanth.

S of H, woody at base; in fruit

Hac. Cucharo; quebrada

5/7

38286

38287

38288

38289

38290

38291

38292

38293

① 38290 *Stemmadenia grandiflora* (Jacq.) (H.B.K.) <sup>miers</sup> El Hac. Cucharo; quebrada 5/7 6500

S 2-3m.; fls. pale yellow.

① 38291 *Croton* 6500

Slender S, 1-1.6m; stems white

① 38292 *Funastium* 6500

H.V.; fls. wh.

② 38293 *Piper* 6500

S 1.5-2m.

① 38294 *Schefflera futescens*? 6500

H. 4m.; fr. or.

① 38295 *Sapot*? 6500

H. ± 4m. high (old fruits)

② 38296 *Wendlandia*? 6500

- pale purple;

W.V; st. pale pinkish wh; seeds olive, with black hilum.

① 38297 *Chamaesyce* 6500

H ± 60cm.

① 38298 *Menora* 6500

W.V; cor. 4.

petals greenish; stamens  
purple; anthers white

② 38299 *Capparis securidacea* R. & P.  
Stoutly tree  
4th, with hanging branches; red fruit

③ 38300 *Esenbeckia* (cf. *atata*)  
Small tree, up to 5 m.; fls. greenish. "Uala"

① 38301 Comp.  
Herb 60-70 cm; flowers wh.; anthers dark brown  
38302 Moon  
un - bry.

On trunk of *Capparis adoratissima*

① 38303 *Passiflora quadrangularis* var. *gossypifolia* (Desv.) Mast. (kr.)  
H.V.; per. & pet. wh.; cor. fil. purple.

② 38304 *Solamum*  
Sm. t., 3 m high, slender trunk; cor. pink purple; anths. y.

① 38305 *Celtis iguanaea*  
Sm. t., 3-4 m.; ripe fruit yellow-orange.

① 38306 *Sterculia* n.sp.  
Climbing shrub; fls. calyx bright or; — stamens y; largest fl. seen = ± 40 cm. long.

② 38307 *Sapot*  
Single trunk, up to 6 m. high; lvs. silvery  
or rusty beneath, borne at apex. With  
much milky sap.

Hab. Cucharo; quebrada 5/7

① 38308 *Jacquemontia* Idac. Cucharo, quebrada 5/1  
H.V.; crv. pale bluish. 80686

② 38309 *Stapelia* 80686  
Slender woody stems, vine. (sterile)

38310 Fungus un 80686  
On dry branch

38311 *Alchornea color* 80686  
Tr. 5-6m., trunk 10-15cm diam; fls. pink white

① 38312 *Mycet.* 80686  
Tr. ± 4m; buds wh.

38313 *Memora* un 80686  
① W.V; crv. bright y.

③ 38314 *Anemia petiolata* 80686  
Pet. <sup>stamens wh.</sup> wh; small S, 1.5-2m.; lvs. shiny

38315 *Piper* 80686  
① S ~~± 2~~ ± 3m; nerves impressed above.

38316 *Bunchosia* 80686  
Sm. S, ± 1.6m.  
①

① 38317 Randia

Sm. t. with long branches.

38318 ?

② S 1 m. high; fls. wh., gr. at base green - lined above.  
dio. bracts; pet.  
Talisia stricta (Kuntz.) Tr. & Pl.

38319 Safied "Mata puerco"

③ Mata puerco "calyx lobes wh., reflexed; pet. wh., very hairy. Small tree, slender trunk, leafy at top; <sup>(leaves drooping + vertically)</sup> <sub>lvs.</sub>"

38320 Ruprechtia

② H.V.; pet. ~~light~~ light y

① 38321 Asclep.

W.V. with herbaceous branches; cor. wh.

Archaro, quebrada

5/7

38322 Dalechampia

W.N.E. - east us

~~frank~~

① Slender h.v.; bracts light green

② 38323<sup>3</sup> Apoc.

High climbing woody vine, with much latex; fls. greenish wh.

① 38324 Struthanthus pyrifolius?

Par.; with young infl. light green.

① 38325 Annona

125-3 m; fls. white

Climbing over trees.

~~frank~~

Along quebrada near R. R.

Sep. light gr. out, pinkish in; pet. pale pink.  
Cor. <sup>pinkish</sup> blue wh. banded up. half, pubescent web-  
+ white lower half.

②

3211

38326 *Adenocalymma* cor. wh.  
Erat 30-50cm. in pastures but becoming a vine;

②

38327 *Passiflora maliformis* L.

H. V.

③ 38328 *Platyniscum heterostachyum* Benth.  
Tr. 12m. h, 25cm. diam. at base; "Bao"

38329 Touch.

②

W. V.; fls. deep purple, keel pale at base.

38330 Coton

②

38331 *Piper*

S 2.5-3m

38332 *Piper*

S ~~2~~ 2-2.5m.

38333 *Tectaria*

38334 *Lippia*

Slender shr. with elong. branches; cor. wh.

Hac.

El Cucharo; pastures across from El Canto

5/1

" near house

5/8

55589

55590

5/8

② *Coniopteryx* dep rocky canyon,  
"Bluebrada Cabana; 380-600m.

1

(glabrum)

55590

On canyon walls (if this were recorded,  
then omit for following; i.e., they were just  
in dep rocky canyon).

①

38335 *Neurolepis*.

Suf. h., ± 60 cm.; fls. pale y.

① 38336 *Solamum*

Slender h., winding along. br.; cor. wh. <sup>antr. y</sup>

② 38337 *Xanthosoma*

Ter.; spathes gr., spadix wh., root & petiole <sup>milky</sup>

① 38338 *Gesn.*

Ter.; cor. pink, lobes with <sup>dark red</sup> deep pinkish red in; lvs. sometimes pinkish brn.

① 38339 *Euphorbia gracilis*

Slender h.

① 38340 *Eup.*

Coarse h., sometimes suff., 1.5-4 m.; infl. wh.

① 38341 *Tournefortia*

Ter. <sup>dark</sup> 5 ~~1-5~~ ± 1 m.

① 38342 *Comp.*

Straggling h.; lvs. y, flowers dark

① 38343 *Centrosema*

ur  
us

N.V.; buds gr.

Quebrada Cabana, deep rocky 5/8/44  
canyon

Quebrada Cabana

5/8

(2)

\* 38344 *Adiantum*

Deep rocky canyon; on rocky wall

38345 *Crotalaria*

(2)  
± 5 m.

" " " shaded forest floor

38346 *Aphelandra*

(2)  
St 1.5 m.; cor. r.; infl up to 30 cm. long

" " " " "

38347 *Peperomia*

Sub. herb; leaves white beneath

" " " on rocky wall

38348 *Asplenium*

(2)

38349 *Peperomia repens*

Such with elong. rhiz., rooting at nodes in dirt of crevices of rocky wall.

38350 *Anemia pediata*

(2) St-sim. tree, up to 5 m with spreading crown; fls. wh. - Rocky canyon

38351 *Canca*

Tumb slender, 5 cm. diam, ± 5 m; fls. white

" "

38352 *Xanthosoma pubescens*

Spathe  
spadix gr.; spadix wh. Ter.

(Inebriada Cabaña

5/8

2

38353 *Myrocarpa* sp. sp. sp.  
Large tree sp. sp. sp.

1000

38354 *Arch.*  
Ter.; young inst. quickly with  
① 38355 *Arch.*

38355 *Asplenium*

① 38356 Dryopteris

① 38357 *Polypodium*

① 38358 Brownia

Tree, ± 10m; leaflets form 4-6 pairs, & 3-pinnate

38359 *Tetraena*

W. V., climbing on trees; fr. light green

\* 38360 Tempus

① Ontractaoh; fl. auf gr.

38361 *hoss.*

On wet log

um

三

" " " glazed banks  
" " " in sand  
" " " rocky wall, curves

u u u forest floor

" " " rocky wall

" " " " forest

(these figures explain of corde's base pair)

- forest

(2) (1)

338362 *Zanthoxylum*  
Small, much br. tree,  $\pm$  5 m; <sup>tough spiny</sup> flo. yellow.

338363 *Zanthoxylum*

Tree,  $\pm$  5 m.; seeds black.

338364 *Galactia*

H.V.; flt. bluish.

338365 *Oroxys*

Herb, 40-60 cm; rays pinkish purple

338366 *Capraria biflora*

Coarse herb,  $\pm$  50 cm; cor. wh.

338367 *Trapa*

Tr. ~~±~~  $\pm$  15 m, trunk 60-70 cm. diam

338368 *Passiflora quadrangularis* ? !

H.V.; floral parts white.

338369 *Xanthosoma*

Spath. green brown half white up; spadix wh.

338370 *Asclep.*

H.V.; intertwined stems; sterile

Top of canyon wall, at edge  
of potero

Thickets along potero

In potero

Woods at top of canyon wall at  
edge of potero

Top of canyon wall at edge of  
potero

dry rocky canyon, forested banks

① pet. subquadrigular at base,  $\pm$  1 cm. ind.

38371 *Antennaria*

Ter. herb., pet. 30 cm, blade <sup>"Col de monte"</sup>  $85 \times 31$  cm, of

38372 *Chileanthus*

①

38373 *Hilleeria*?

Low shrub, t 80 cm; fls. wh.

38374 *Bulnesia* <sup>carapo</sup> <sup>carapo</sup> <sup>Orgán o Kilip</sup> sp. nov. (typ.) Ph. II-1

Tree  $\pm$  12 m; trunk  $\pm$  40 cm. diam <sup>1</sup> "Guayacán" <sup>carapo</sup>

38375 *Tournefortia*

Low shrub; fruit white

38376 *Veronica brasiliensis* (L.) Druce

Erect t  $\pm$  1.3 m; fls. white "Vara de caballo"

38377 *Hibiscus*

① 5  $\pm$  1 m; fls. y.

38378 Comp. of *Simsia pubescens* Tr?

Suf. herb up to 1 m; rays y.

38379 *Cordia alba*

Tr. 3-3.5 m.; trunk 8 cm. diam.  
cr. o fr. wh.

Huebrada Cabana

578

Forested bank

large leaves at flowering time; blade <sup>very</sup> <sup>glossy</sup>  
on rock wall

Deep canyon

① <sup>El Asilo</sup>  
Corral de Piedra, Chub. La Cabana

Corral

Potros

"

main soil near <sup>to</sup> pond  
" ~~near~~ laguna

Potros

Along fence near house

El Cucharo

②

38380 *Senegalia*

grainish lvs.

† Sor. sm. lvs. 1-4 in.; cor. & st. wh.

38381 *Chamaesyce*

① Ht with ~~long~~ branches prostrate in rosettes

38382 ~~the~~ *Ambrosia*

† Weed along rr.

38383 *Phytolacca*

① Herb ± 50 cm; fls. deep pi. & pr. brownish pi.

38384 *Callisia*? Trad.?

Loc. H.

38385 *Pasiiflora quadrangularis*

Br. with 1/2 way. Fl tube grainish lvs. half up. 1/2

deep

up

① caps & pet. rich pi, tube grainish lvs; cor. deep pi.

38386 *Vasquezia*

Low herb; rays deep pi

38387 *Hypocotyle*

Rept., the whole plant close to ground; inf. grainish

38388 *Couepia*

† succulent herb; no rays per heads

Y

Near Pabenza

Roadsides & potrero

Waste places, Pabenza

Agud.

Tablance, 2060 m.

Altura rr.

5/9/44

Bogota; met. in garden of Inst. Cien Nat.

HV

5/12/44

Bogota, hillsides at end of Calle 20 5/10/44

Wet places

①

38389

Calyx y at base; lvs. large & white

38390 Cobaea

H.V. Cor. (unspotted) light green, becoming dark purple; sepals remain green even in the fruit,  
which is green

38391 Cyclamen neapolitanum

S; fls. y.

38392 Rhynchoclea pittieri

S up to 2m, branches often scandent; fls. <sup>bright</sup> 10-150 - 1200 m. open hillside

38393 Jacquemontia

H.V.; cor. blue

38394 Merremia

H.V. Cor. wh.

38395 Calceolaria Klatt

S ± 1m; florets or. to y

38396 Neomia albicans

S 1-2m; pet. wh; antr. r. out, y in

38397 Cistus

S ± 2m 1.5-2.5m.; st. greenish wh.

Bogotá, hillside around F  
Calle 25

5/10/44

5/10/44

5/10/44

"lower slopes of Monserrate near  
Parque Nacional, 2900 m.

EPIC Cali. Bogotá

5/17/44

Cali; ~~fls.~~ Cerro de las Cruces

K. o. C.

5/21/44

1050 - 1200 m. open hillside  
plant vicious; type loc. of *R. Calensis*  
dark sp.

38398 Mandevilla  
H.V. with latic; cor. bright y.  
38399 Ageratum?  
H, ± 25-35 cm; florets pi.  
38400 Eupatorium resinoides  
Synthetic  
Sp. h, 35-50 cm; florets light gr.  
38401 Chaptalia  
H; ligules violet  
38402 ~~Ocotea~~ Ocotea  
Tr. ± 3m., with wounded areas  
38403 Paspalum  
H with strong, spreading br.  
38404 Solina  
H up to 2 m; scale black.  
38405 Solanum  
S cor. whit; anth. y  
38406 Polygala  
Tutemia sp. a fl. greenish white

Cali: Cerro de las Cuchas  
open hillside

5/21/44

00088

38407 *Nyctea* <sup>compact</sup> *x* *glofioides*

Low S, 1-2 m.; young lvs. serruous her.

38408 *Cleidemia* *spicata* *capitellata*

Low shrub; pet. wh.; ripe fr. purplish black

38409 *Cupetaria* *laevigatum*

S + 1 m; florets + styles pinkish wh.

38410 *Stylozanthes* *viscosa* ?

Lo. Surf., subsp. branches; fls. y

38411 *Peperomia*

Succ. ter. herb.

38412 Grass

38413 *Anemone*

38414 *Commelin*

Low, fleshy herb; seg. deep blue

38415 *Cleidemia* *lutea*

S 50-60 cm; pet. pinkish wh; st. wh.

Cali: Cerro de las Cuchas

5/21/44

open hillsides, 1000-1200 m.

open hillside 5/21/44

38416 *Trichogonia* <sup>longula</sup>  
few-branched

Erect herb, 30-50 cm.; florets greenish, lobes & styles <sup>up</sup> to pi

38417 *Aiplecta*

Low, much-branched S, very viscous; pet. bluish pi.

38418 *Evolvulus sericeus*

H, with prostrate st; cor. bluish pi.

38419 *Richardia scabra*

Low, viscous h.; cor. greenish wh.

38420 *Evolv.*

Slender herb; corolla blue

38421 *Decodonidium adscendens*

Low herb

38422 *Grass*

38423 *Euphorbia columnifolia*

<sup>much later</sup> T ± 4 m; sepal wh, greenish at base

38424 *Solanum*

S, ± 1 m, with spreading st; cor. <sup>lobes</sup> ~~lobules~~  
wh in, gr. out.; fl. bluish purple

38425 Chamaecista

H, much branched at base, slender, spreading  
br; fls. y

38426 Chamaecista

Low, spreading herb; fls. y

38427 Polygala

Pet. deep pi.

38428 Hypericum

#er. h; pet. & st. y

38429 Cyprea

slightly viscid

Sup h, 30-50cm; pet. deep pur.

38430 Zornia

Herb with slender branches; lfts. lvs. above; fls. y

Cali: Cerro de las Cuecas

5/21/44

La Venta de

Caucá: Cajibito

K & L.

roadside bank  
(along highway)

5/24/44

38431 Valeriana

Herb with erect herb; cor. light pi to wh.

38432 Moss

outts.

38433 Lechen

On 77

Caucá:

La Capilla, 1740m. 25 Km nw of P

K

forest

38434 *Peperomia*

On tt

38435 *Polypodium*

On tt

38436 "

nr.

On tt; fronds pale beneath

38437 *Psychotria*

J 3-4m; ~~fr.~~; fruit purplish bluish.

38438 *Nickeria*

High climbing sup. vine

38439 *Oncidium*

Ep.; 5 seg. y; lip y, reddish brown at center in

38440 *Phyllobroma*

J 4-5m; fr. y<sup>g</sup> wh.

38441 Flub.

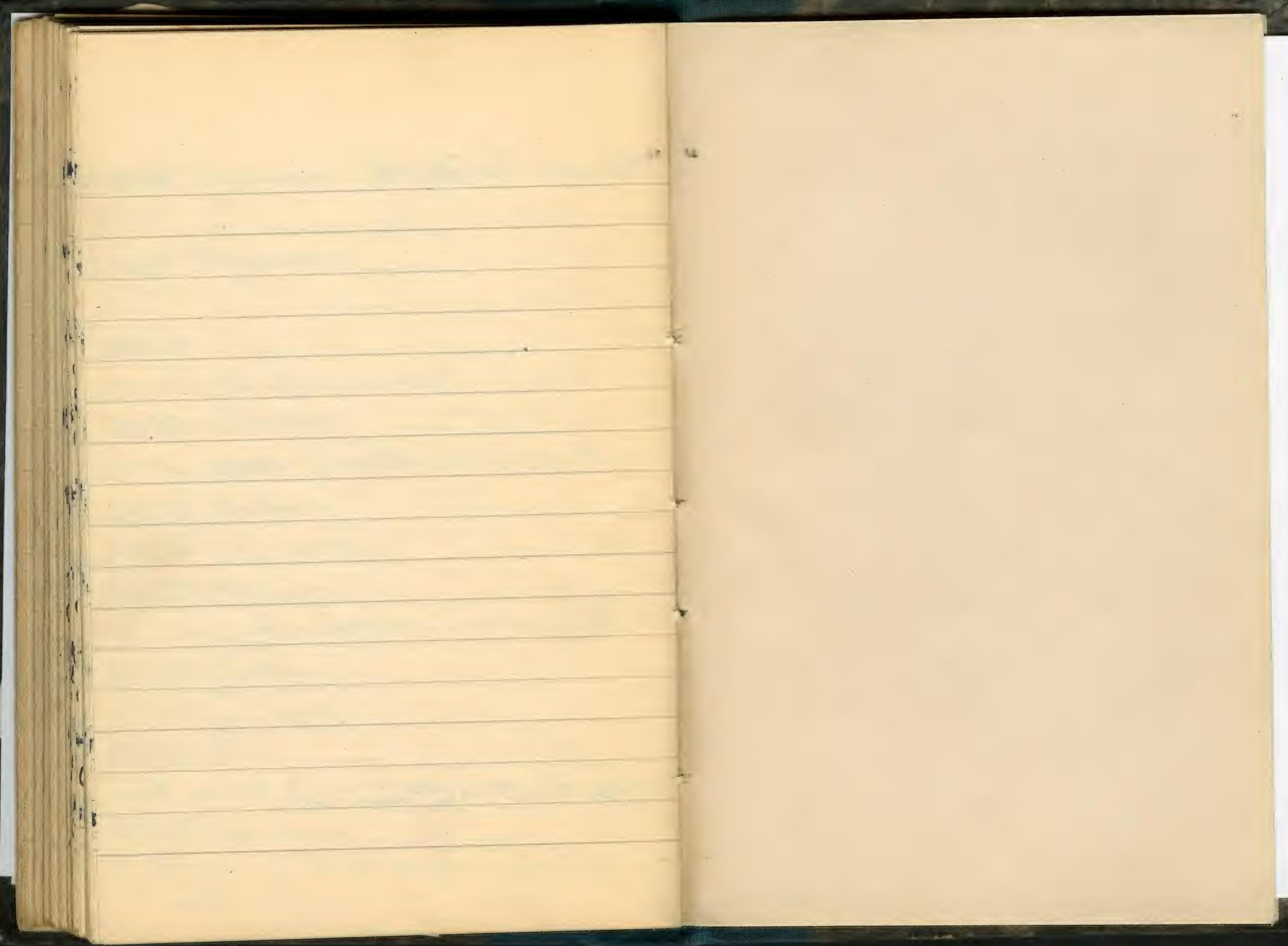
Stems along b. 2-3 m. l; Ovary & lower 1/2 of cor. deep pi to red; up. 1/2 cor. wh.

38442 *Meriania*

T 3-6m; pet. deep magenta; fil-pi.  
antr. wh.

cc. Canea: La Capilla

5/24



For Killings  
plan  
titu  
and

VA CON  
GUARDE CAMP  
VALLE 48

erent  
of Ins-  
se check  
oth.

Cheerio,  
A.D.

VA COU  
GUÍA DE CAMPAÑA  
MILITAR 48

For Killip:

Under 38385 we have two different plants: one Passiflora (gardens of Instituto) and one Vasquezia. Please check and give us correct numbers for both.

Cheerio,

A.D.

